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| <b>UTILITY<br/>PATENT APPLICATION</b><br><br><b>TRANSMITTAL</b><br><br><i>(Only for original applications)</i> | Attorney Docket No. 1391.1046<br><br>First Named Inventor or Application Identifier:<br>Nobuyuki OKUBO<br><br>Express Mail Label No.      |
| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i>     | ADDRESS TO:<br><b>Commissioner for Patents</b><br><b>Box Patent Application</b><br><b>PO Box 1450</b><br><b>Alexandria, VA 22313-1450</b> |

03914 U.S. PTO  
 10/642613  
 08/19/03


1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract .....[Total Pages: 20]
3. ☒ Drawing(s) (35 USC 113) .....[ Total Sheets: 12 ] [FIGS. 1-14 ]
4. ☒ Oath or Declaration .....[ Total Pages: 3 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
    - i. ☐ **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application,  
 see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Japanese Application 2003-180554 filed June 25, 2003
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies
10. ☐ For publication of assignee information under 37 CFR 1.215(b), list the assignee as PFU Limited of Ishikawa, Japan. The Assignment papers will be filed later.

**ACCOMPANYING APPLICATION PARTS**

11. ☒ Assignment (cover sheet & document(s)) to PFU Limited of Ishikawa, Japan
 

☒ for publication of assignee information under 37 CFR 1.215(b)
12. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
15. ☐ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
19. ☐ Other: .

**20. CORRESPONDENCE ADDRESS**

  
**21171**  
PATENT TRADEMARK OFFICE

13281 U.S. PTO  
08/19/03

S&H Form (2/02)

|  |                       |                      |                                  |
|--|-----------------------|----------------------|----------------------------------|
| <b>NEW APPLICATION<br/>FEE TRANSMITTAL</b>   |                       | Attorney Docket No.  | 1391.1046                        |
|  |                       | Application Number   | Unassigned                       |
|  |                       | Filing Date          | August 19, 2003                  |
| AMOUNT ENCLOSED  | \$ 790.00             | First Named Inventor | Nobuyuki OKUBO                   |
| <b>FEE CALCULATION</b> (fees effective 10/01/01)   |                       |                      |                                  |
| CLAIMS   | (1) FOR               | (2) NUMBER<br>FILED  | (3) NUMBER<br>EXTRA              |
|  | TOTAL CLAIMS          | 4 - 20 =             | 0                                |
|  | INDEPENDENT<br>CLAIMS | 1 - 3 =              | 0                                |
| MULTIPLE DEPENDENT CLAIMS (any number;<br>if applicable)   |                       |                      | + \$280.00 =                     |
|  |                       |                      | BASIC FILING<br>FEE              |
|  |                       |                      | Total of above<br>Calculations = |
| Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f))<br>(\$130.00)  |                       |                      |                                  |
| Reduction by 50% for filing by small entity (37 CFR 1.27).   |                       |                      |                                  |
|  |                       |                      | TOTAL FILING<br>FEE =            |
| Surcharge for filing non-English language application (\$130.00;<br>37 CFR 1.52(d))  |                       |                      |                                  |
| Recordation of Assignment (\$40.00; 37 CFR 1.21(h))  |                       |                      | 40.00                            |
|  |                       |                      | TOTAL FEES<br>DUE =              |
| <b>METHOD OF PAYMENT</b>   |                       |                      |                                  |
| <input checked="" type="checkbox"/> Check enclosed as payment.<br><input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below.<br><input type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time<br>(unless specifically required to obtain a filing date).   |                       |                      |                                  |
| <b>GENERAL AUTHORIZATION</b>   |                       |                      |                                  |
| <input checked="" type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby<br>authorized to credit any overpayment or charge any additional fees necessary to:  |                       |                      |                                  |
| Deposit Account No.  |                       | 19-3935              |                                  |
| Deposit Account Name   |                       | STAAS & HALSEY LLP   |                                  |
| <input checked="" type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees<br>required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the<br>prosecution of this application, including any related application(s) claiming benefit hereof<br>pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or<br>continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any<br>such related application. |                       |                      |                                  |
| <b>SUBMITTED BY:</b> STAAS & HALSEY LLP  |                       |                      |                                  |
| Typed Name   |                       | Reg. No.             | 25,908                           |
| Signature  |                       | Date                 | August 19, 2003                  |